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|---|----------------------|--------------------------|------------------------|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> |                      | <b>Complete if Known</b> |                        |
| <b>FEE TRANSMITTAL</b><br><b>For FY 2005</b>  |                      | Application Number       | 09/869,831-Conf. #8981 |
|   |                      | Filing Date              | July 6, 2001           |
|   |                      | First Named Inventor     | Haruyuki MATSUNAGA     |
|   |                      | Examiner Name            | D. A. Lambertson       |
|   |                      | Art Unit                 | 1636                   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                                    |                      | Attorney Docket No.      | 0020-4879P             |
| <b>TOTAL AMOUNT OF PAYMENT</b>  | <b>(\$)</b> 1,520.00 |                          |                        |

|   |  |
|---|--|
| <b>METHOD OF PAYMENT</b> (check all that apply)   |  |
| <input checked="" type="checkbox"/> Check   | <input type="checkbox"/> Credit Card   |
| <input type="checkbox"/> Money Order  | <input type="checkbox"/> None  |
| <input type="checkbox"/> Other (please identify): _____   |  |
| <input type="checkbox"/> Deposit Account  | Deposit Account Number: <u>02-2448</u> Deposit Account Name: <u>Birch, Stewart, Kolasch &amp; Birch, LLP</u> |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                |  |
| <input type="checkbox"/> Charge fee(s) indicated below  | <input type="checkbox"/> Charge fee(s) indicated below, <b>except for the filing fee</b>                     |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments  |

|   |                     |   |                      |                                  |                         |                       |                       |
|---|---------------------|---|----------------------|----------------------------------|-------------------------|-----------------------|-----------------------|
| <b>FEE CALCULATION</b>  |                     |   |                      |                                  |                         |                       |                       |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |                     |   |                      |                                  |                         |                       |                       |
|   | <b>FILING FEES</b>  |   | <b>SEARCH FEES</b>   |                                  | <b>EXAMINATION FEES</b> |                       |                       |
|   |                     | <b>Small Entity</b>                                     |                      | <b>Small Entity</b>              |                         | <b>Small Entity</b>   |                       |
| <b>Application Type</b>   | <b>Fee (\$)</b>     | <b>Fee (\$)</b>   | <b>Fee (\$)</b>      | <b>Fee (\$)</b>                  | <b>Fee (\$)</b>         | <b>Fee (\$)</b>       | <b>Fees Paid (\$)</b> |
| Utility   | 300                 | 150   | 500                  | 250                              | 200                     | 100                   |                       |
| Design  | 200                 | 100   | 100                  | 50                               | 130                     | 65                    |                       |
| Plant   | 200                 | 100   | 300                  | 150                              | 160                     | 80                    |                       |
| Reissue   | 300                 | 150   | 500                  | 250                              | 600                     | 300                   |                       |
| Provisional   | 200                 | 100   | 0                    | 0                                | 0                       | 0                     |                       |
| <b>2. EXCESS CLAIM FEES</b>   |                     |   |                      |                                  |                         |                       |                       |
| <b>Fee Description</b>  |                     |   |                      |                                  |                         | <b>Small Entity</b>   |                       |
|   |                     |   |                      |                                  |                         | <b>Fee (\$)</b>       | <b>Fee (\$)</b>       |
| Each claim over 20 (including Reissues)   |                     |   |                      |                                  |                         | 50                    | 25                    |
| Each independent claim over 3 (including Reissues)  |                     |   |                      |                                  |                         | 200                   | 100                   |
| Multiple dependent claims   |                     |   |                      |                                  |                         | 360                   | 180                   |
| <b>Total Claims</b>   | <b>Extra Claims</b> | <b>Fee (\$)</b>   | <b>Fee Paid (\$)</b> | <b>Multiple Dependent Claims</b> |                         |                       |                       |
| _____   | - = _____           | x _____   | = _____              | <b>Fee (\$)</b>                  |                         | <b>Fee Paid (\$)</b>  |                       |
| <b>Indep. Claims</b>  | <b>Extra Claims</b> | <b>Fee (\$)</b>   | <b>Fee Paid (\$)</b> |                                  |                         |                       |                       |
| _____   | - = _____           | x _____   | = _____              |                                  |                         |                       |                       |
| <b>3. APPLICATION SIZE FEE</b>  |                     |   |                      |                                  |                         |                       |                       |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                     |   |                      |                                  |                         |                       |                       |
| <b>Total Sheets</b>   | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b>      | <b>Fee Paid (\$)</b>             |                         |                       |                       |
| _____   | - 100 = _____       | /50 _____ (round up to a whole number) x _____          | = _____              |                                  |                         |                       |                       |
| <b>4. OTHER FEE(S)</b>  |                     |   |                      |                                  |                         |                       |                       |
|   |                     |   |                      |                                  |                         | <b>Fees Paid (\$)</b> |                       |
| Non-English Specification, \$130 fee (no small entity discount)   |                     |   |                      |                                  |                         |                       |                       |
| Other (e.g., late filing surcharge): 1401 Notice of appeal  |                     |   |                      |                                  |                         | 500.00                |                       |
| 1253 Extension for response within third month  |                     |   |                      |                                  |                         | 1,020.00              |                       |

|                     |                      |                                   |                   |
|---------------------|----------------------|-----------------------------------|-------------------|
| <b>SUBMITTED BY</b> |                      |                                   |                   |
| Signature           |                      | Registration No. (Attorney/Agent) | 36,623            |
| Name (Print/Type)   | Mark J. Nuell, Ph.D. | Telephone                         | (703) 205-8043    |
|                     |                      | Date                              | November 15, 2005 |